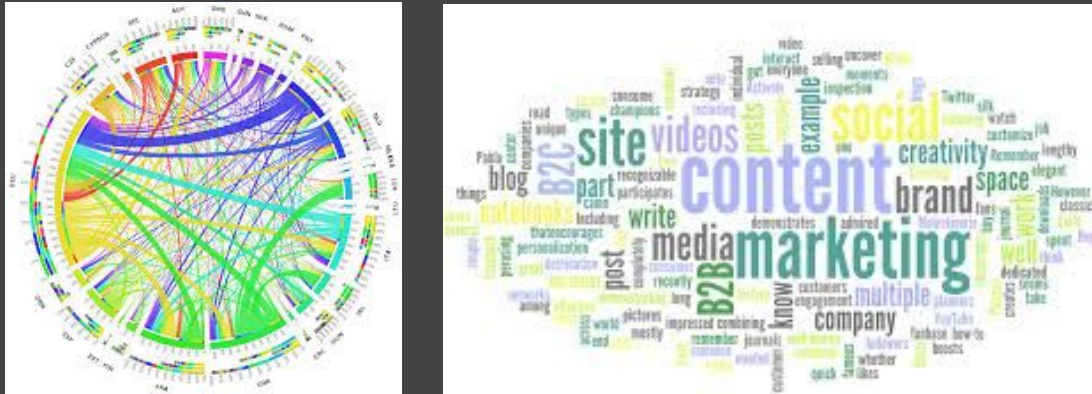


**@futureCodersSE**  
*nurturing coding talent through work experience*

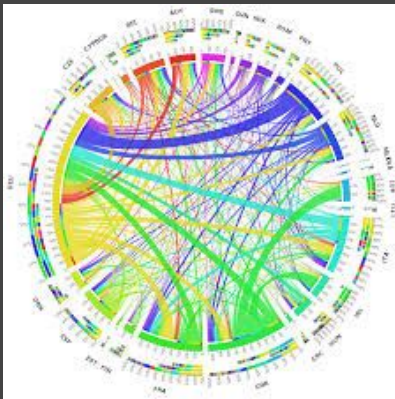
Beautiful data Coding Workshops

Learn to create beautiful diagrams from data at our workshops



The first visualization is a circular chord diagram showing complex relationships between various categories. The outer ring is labeled with categories such as 'B2C', 'B2B', 'Social', 'Media', 'Marketing', 'Brand', 'Content', 'Video', 'Blog', 'Post', 'Image', 'Audio', 'Text', 'Link', 'Share', 'Engage', 'Convert', 'Track', 'Analyze', 'Optimize', 'Report', 'Collaborate', 'Innovate', 'Grow', 'Sustain', 'Improve', 'Measure', 'Understand', 'Communicate', 'Connect', 'Engage', 'Convert', 'Track', 'Analyze', 'Optimize', 'Report', 'Collaborate', 'Innovate', 'Grow', 'Sustain', 'Improve', 'Measure', 'Understand', 'Communicate', 'Connect'. The inner area is filled with numerous colored lines (chords) representing the flow and strength of relationships between these categories.

The second visualization is a word cloud shaped like a speech bubble, containing various terms related to digital marketing and social media. The most prominent words are 'content', 'marketing', 'brand', 'social', 'media', 'video', 'blog', 'post', 'image', 'audio', 'text', 'link', 'share', 'engage', 'convert', 'track', 'analyze', 'optimize', 'report', 'collaborate', 'innovate', 'grow', 'sustain', 'improve', 'measure', 'understand', 'communicate', 'connect', 'engage', 'convert', 'track', 'analyze', 'optimize', 'report', 'collaborate', 'innovate', 'grow', 'sustain', 'improve', 'measure', 'understand', 'communicate', 'connect'. Other visible words include 'B2C', 'B2B', 'know', 'company', 'multiple', 'planners', 'YouTube', 'Facebook', 'how-to', 'boosts', 'followers', 'whether', 'quick', 'member', 'jour', 'impressed', 'combining', 'pictures', 'long', 'recently', 'concerns', 'toughly', 'personification', 'share', 'encourages', 'including', 'came', 'recognizable', 'participates', 'types', 'involvement', 'Public', 'things', 'blog', 'component', 'strategy', 'incubating', 'national', 'writing', 'posts', 'example', 'interact', 'get', 'energy', 'selling', 'moments', 'inspiration', 'Twitter', 'watch', 'customers', 'lengthy', 'member', 'elegant', 'devalued', 'classic', 'spont', 'think', 'dedicated', 'streams', 'take', 'concepts', 'planners', 'YouTube', 'Facebook', 'how-to', 'boosts', 'followers', 'whether', 'quick', 'member', 'jour', 'impressed', 'combining', 'pictures', 'long', 'recently', 'concerns', 'toughly', 'personification', 'share', 'encourages', 'including', 'came', 'recognizable', 'participates', 'types', 'involvement', 'Public', 'things', 'blog', 'component', 'strategy', 'incubating', 'national', 'writing', 'posts', 'example', 'interact', 'get', 'energy', 'selling', 'moments', 'inspiration', 'Twitter', 'watch', 'customers', 'lengthy', 'member', 'elegant', 'devalued', 'classic', 'spont', 'think', 'dedicated', 'streams', 'take', 'concepts'.



**This is for you if you:**

- Are a beginner and want to learn some coding skills while making some amazing images.
- Already know some coding and would like to learn something new.

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- Already know some coding and would like to learn something new.

**Dates:** Wednesdays May 30th, June 6th, 13th, 20th, 27th and July 4th 2018

**Times:** 6pm to 8pm

**Bring your own laptop.** (we have a small number for loan if you need one)

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**Venue:** Upstairs at Tolgate Coffee, 7 Tolgate Lane, Strood ME2 4TG

**Cost:** £12.50 per person per 2 hour workshop, £60 for full set of six workshops (paid in advance).  
**Group size:** 6-10. **Suits ages** 14+

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**BOOKING ESSENTIAL - visit our website [www.futurecoders.org.uk](http://www.futurecoders.org.uk)**

Registered address: Dragon Coworking, 7-8 New Road Avenue, CHATHAM ME4 6BB  
Company number: 10593417  
Website: <http://futurecoders.org.uk/>

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**Contact: [karen@futurecoders.org.uk](mailto:karen@futurecoders.org.uk) Phone: 07791769048**

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Hour	Content
1	What is data? What does it look like? Where can we find it? Explore the web for Open APIs that provide data sets.
2	Open APIs - learn to make an HTML page with a javascript file attached and to get data from the web.
3	Make a word cloud on a HTML page.
4	Working with numerical data sets - list of numbers. Learn to write Javascript code to read through a set of numbers.
5	Working with Javascript arrays - learn how to find largest and smallest numbers in an array
6	Working with Javascript arrays - learn to sort an array
7	Working with Javascript arrays - copy data from one array to another
8	Working with Javascript arrays - , copy data from one array and store it in a different format in another array.
9	Create a chord diagram from a set of results data
10	Create a bubble chart from set of JSON data
11	Consolidation and individual project work - create your own chart from your favourite set of data
12	Consolidation and individual project work - create your own chart from your favourite set of data  Share your diagrams with the rest of the group.
<b>BOOKING ESSENTIAL - visit our website <a href="http://www.futurecoders.org.uk">www.futurecoders.org.uk</a></b>	
<p>This is an introductory course</p> <p><b>Learn to code by making beautiful data visualisations</b></p>	

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